

SUBSTITUTE DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention (Design, if applicable) entitled:

METHOD FOR MEASURING ELECTROMAGNETIC RADIATION PATTERN AND GAIN OF RADIATOR USING TEM WAVEGUIDE

the specification of which (check one):

is attached hereto.
 was filed on May 25, 2006 as U.S. Patent Application No. 10/589,462
 was filed on _____ as International Application (PCT) No. _____, and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56. I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which the priority is claimed.

PRIOR FOREIGN APPLICATION(S)

NUMBER	COUNTRY	DAY/MONTH/YEAR FILED	PRIORITY CLAIMED
10-2003-0084207	Republic of Korea	25/11/2003	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating The United States of America listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (Patented, Pending or Abandoned)
PCT/KR2004/001509	22/06/2004	Pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine, or imprisonment; or both, under Section 101(a) of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: I (We) hereby appoint as my (our) attorneys all practitioners associated with customer number 22429, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office.

Send correspondence to: **LOWE HAUPTMAN HAM & BERNER, LLP**
CUSTOMER NO. 22429
1700 Diagonal Road, Suite 300
Alexandria, Virginia 22314

TELPHONE CALLS TO:
Yoon S. Hnn
(703) 535-7340

I hereby authorize the U.S. attorneys and agents named herein to accept and follow instructions from Shinsung Int'l Patent & Law Firm to any actions to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys will be so notified by the undersigned.

See following page(s) for additional joint inventors.

Full name of sole or first inventor: <u>Ae-Kyoung Lee</u>	Date: October 01, 2007
Inventor's signature: <u>Lee</u>	
Residence: Daejon, Republic of Korea	
Citizenship: Republic of Korea	
Post Office Address: #108-1103 Daelimdure Apt., Sinseong-dong, Yusong-gu, Daegu 305-720, Republic of Korea	

SUBSTITUTE DECLARATION AND POWER OF ATTORNEY

Page 2

Full Name of Second Inventor: Hyung-Do CHOI

Inventor's signature:

Date: October 01, 2007

Residence: Seoul, Republic of Korea

Citizenship: Republic of Korea

Post Office Address: 16-42, Dapsimni 4-dong, Dongdaemun-gu, Seoul 130-800, Republic of Korea

Full Name of Third Inventor: Jeong-KI PACK

Inventor's signature:

Date:

Residence: Daejon, Republic of Korea

Citizenship: Republic of Korea

Post Office Address: 220, Gung-dong, Yuseong-gu, Daejon 305-355, Republic of Korea

Full Name of Fourth Inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

Full Name of Fifth Inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

Full Name of Sixth Inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

SUBSTITUTE DECLARATION AND POWER OF ATTORNEY

Page 2

Full Name of Second Inventor: Hyung-Do CHOI	
Inventor's signature:	Date:
Residence: Seoul, Republic of Korea	
Citizenship: Republic of Korea	
Post Office Address: 16-42, Dapsimni 4-dong, Dongdaemun-gu, Seoul 130-800, Republic of Korea	

Full Name of Third Inventor: Jeong-KI PACK	
Inventor's signature: <i>JeongKi Pack</i>	Date: Oct. 1, 2007
Residence: Daejon, Republic of Korea	
Citizenship: Republic of Korea	
Post Office Address: 220, Gung-dong, Yuseong-gu, Daejon 305-355, Republic of Korea	

Full Name of Fourth Inventor:	
Inventor's signature:	Date:
Residence:	
Citizenship:	
Post Office Address:	

Full Name of Fifth Inventor:	
Inventor's signature:	Date:
Residence:	
Citizenship:	
Post Office Address:	

Full Name of Sixth Inventor:	
Inventor's signature:	Date:
Residence:	
Citizenship:	
Post Office Address:	